

Hydric Soil Interpretations Hydric Soils List

Perry County, Alabama

NOTE: All mapunits are displayed regardless of hydric status and are listed in alpha-numeric order by mapunit symbol. The "Hydric Soils Criteria" columns indicate the conditions that caused the mapunit component to be classified as "Hydric" or "Non-Hydric". These criteria are defined in "Hydric Soils of the United States" (USDA Miscellaneous Publication No. 1491, June, 1991). See the "Criteria for Hydric Soils" endnote to determine the meaning of these columns. Spot symbols are footnoted at the end of the table.

Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria			
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
AnA: ANNEMAINE SILT LOAM, 0 TO 2 PERCENT SLOPES, RARELY FLOODED	ANNEMAINE	No	---	---	---	---	---
	Kinston	Yes	drainageway	2B3	YES	NO	NO
	Minter	Yes	depression	2B3	YES	NO	NO
BaA: BAMA FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	BAMA	No	---	---	---	---	---
BaB: BAMA FINE SANDY LOAM, 2 TO 5 PERCENT SLOPES	BAMA	No	---	---	---	---	---
	Kinston	Yes	drainageway	2B3	YES	NO	NO
CaA: CAHABA SANDY LOAM, 0 TO 2 PERCENT SLOPES, RARELY FLOODED	CAHABA	No	---	---	---	---	---
	Kinston	Yes	drainageway	2B3	YES	NO	NO
	Minter	Yes	depression	2B3	YES	NO	NO
CaB: CAHABA SANDY LOAM, 2 TO 5 PERCENT SLOPES, RARELY FLOODED	CAHABA	No	---	---	---	---	---
	Kinston	Yes	drainageway	2B3	YES	NO	NO
	Minter	Yes	depression	2B3	YES	NO	NO
DsD2: DEMOPOLIS-SUMTER COMPLEX, 3 TO 8 PERCENT SLOPES, ERODED	DEMOPOLIS	No	---	---	---	---	---
	SUMTER	No	---	---	---	---	---
	Tuscumbia	Yes	drainageway	2B3	YES	NO	NO
DwB: DEMOPOLIS-WATSONIA COMPLEX, 1 TO 3 PERCENT SLOPES	DEMOPOLIS	No	---	---	---	---	---
	WATSONIA	No	---	---	---	---	---
EnA: EUNOLA SANDY LOAM, 0 TO 2 PERCENT SLOPES, RARELY FLOODED	EUNOLA	No	---	---	---	---	---
	Kinston	Yes	drainageway	2B3	YES	NO	NO
	Minter	Yes	depression	2B3	YES	NO	NO

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Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria			
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
EtA: EUTAW CLAY, 0 TO 1 PERCENT SLOPES	EUTAW	Yes	---	2B3	YES	NO	NO
	Eutaw (ponded)	Yes	depression	3	NO	NO	YES
FuA: FLUVAQUENTS, PONDED	FLUVAQUENTS	Yes	---	2B3,3	YES	NO	YES
GrA: GREENVILLE LOAM, 0 TO 2 PERCENT SLOPES	GREENVILLE	No	---	---	---	---	---
GrB: GREENVILLE LOAM, 2 TO 5 PERCENT SLOPES	GREENVILLE	No	---	---	---	---	---
	Kinston	Yes	drainageway	2B3	YES	NO	NO
KpB: KIPLING CLAY LOAM, 1 TO 5 PERCENT SLOPES	KIPLING	No	---	---	---	---	---
	Eutaw (ponded)	Yes	depression	3	NO	NO	YES
LnB: LIVERNE SANDY LOAM, 2 TO 5 PERCENT SLOPES	LIVERNE	No	---	---	---	---	---
LsD: LIVERNE-SMITHDALE COMPLEX, 5 TO 15 PERCENT SLOPES	LIVERNE	No	---	---	---	---	---
	SMITHDALE	No	---	---	---	---	---
	Kinston	Yes	drainageway	2B3	YES	NO	NO
LsE: LIVERNE-SMITHDALE COMPLEX, 15 TO 35 PERCENT SLOPES	LIVERNE	No	---	---	---	---	---
	SMITHDALE	No	---	---	---	---	---
	Kinston	Yes	drainageway	2B3	YES	NO	NO
MIA: MANTACHIE, IUKA, AND KINSTON SOILS, 0 TO 1 PERCENT SLOPES, FREQUENTLY FLOODED	MANTACHIE	No	---	---	---	---	---
	IUKA	No	---	---	---	---	---
	KINSTON	Yes	---	4,2B3	YES	YES	NO
MkC2: MAUBILA FLAGGY LOAM, 2 TO 8 PERCENT SLOPES, ERODED	MAUBILA	No	---	---	---	---	---
MsE: MAUBILA-SMITHDALE COMPLEX, 15 TO 35 PERCENT SLOPES	MAUBILA	No	---	---	---	---	---
	SMITHDALE	No	---	---	---	---	---
	Kinston	Yes	drainageway	2B3	YES	NO	NO
MtA: MINTER SILTY CLAY LOAM, PONDED	MINTER	Yes	---	3,2B3	YES	NO	YES

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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
MyA: MYATT FINE SANDY LOAM, 0 TO 1 PERCENT SLOPES, RARELY FLOODED	MYATT	Yes	---	2B3	YES	NO	NO
OaA: OCHLOCKONEE SANDY LOAM, 0 TO 1 PERCENT SLOPES, OCCASIONALLY FLOODED	OCHLOCKONEE	No	---	---	---	---	---
ObB: OCHLOCKONEE-RIVERVIEW COMPLEX, GENTLY UNDULATING, FREQUENTLY FLOODED	Kinston	Yes	depression	2B3	YES	NO	NO
	OCHLOCKONEE	No	---	---	---	---	---
	RIVERVIEW	No	---	---	---	---	---
	Kinston	Yes	depression	2B3	YES	NO	NO
	Minter	Yes	depression	2B3	YES	NO	NO
OcB: OCILLA-JEDBURG COMPLEX, 1 TO 3 PERCENT SLOPES	OCILLA	No	---	---	---	---	---
	JEDBURG	No	---	---	---	---	---
	Kinston	Yes	drainageway	2B3	YES	NO	NO
OkB: OKOLONA SILTY CLAY LOAM, 0 TO 3 PERCENT SLOPES	OKOLONA	No	---	---	---	---	---
OtC: OKTIBBEHA CLAY LOAM, 1 TO 5 PERCENT SLOPES	OKTIBBEHA	No	---	---	---	---	---
Pt: PITS	PITS	No	---	---	---	---	---
SaD: SAFFELL GRAVELLY SANDY LOAM, 5 TO 15 PERCENT SLOPES	SAFFELL	No	---	---	---	---	---
	Kinston	Yes	drainageway	2B3	YES	NO	NO
SbB: SAFFELL-MAUBILA COMPLEX, 2 TO 5 PERCENT SLOPES	SAFFELL	No	---	---	---	---	---
	MAUBILA	No	---	---	---	---	---
ScB: SMITHDALE SANDY LOAM, 2 TO 8 PERCENT SLOPES	SMITHDALE	No	---	---	---	---	---
ScD: SMITHDALE SANDY LOAM, 5 TO 15 PERCENT SLOPES	SMITHDALE	No	---	---	---	---	---
	Kinston	Yes	drainageway	2B3	YES	NO	NO
SdA: SUBRAN FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	SUBRAN	No	---	---	---	---	---

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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
SdB: SUBRAN LOAM, 2 TO 5 PERCENT SLOPES	SUBRAN	No	---	---	---	---	---
	Kinston	Yes	drainageway	2B3	YES	NO	NO
SeA: SUCARNOOCHEE CLAY, 0 TO 1 PERCENT SLOPES, FREQUENTLY FLOODED	SUCARNOOCHEE	No	---	---	---	---	---
	Tuscumbia	Yes	depression	2B3	YES	NO	NO
SfB: SUFFOLK FINE SANDY LOAM, 1 TO 5 PERCENT SLOPES	SUFFOLK	No	---	---	---	---	---
	Kinston	Yes	drainageway	2B3	YES	NO	NO
SmB: SUMTER SILTY CLAY LOAM, 1 TO 3 PERCENT SLOPES	SUMTER	No	---	---	---	---	---
SnD2: SUMTER SILTY CLAY LOAM, 3 TO 8 PERCENT SLOPES, ERODED	SUMTER	No	---	---	---	---	---
	Tuscumbia	Yes	drainageway	2B3	YES	NO	NO
SoB2: SUMTER-OKTIBBEHA COMPLEX, 1 TO 3 PERCENT SLOPES, ERODED	SUMTER	No	---	---	---	---	---
	OKTIBBEHA	No	---	---	---	---	---
SoD2: SUMTER-OKTIBBEHA COMPLEX, 3 TO 8 PERCENT SLOPES, ERODED	SUMTER	No	---	---	---	---	---
	OKTIBBEHA	No	---	---	---	---	---
VaA: VAIDEN CLAY, 0 TO 1 PERCENT SLOPES	VAIDEN	No	---	---	---	---	---
	Eutaw (ponded)	Yes	depression	3	NO	NO	YES
VaB: VAIDEN CLAY, 1 TO 3 PERCENT SLOPES	VAIDEN	No	---	---	---	---	---
	Eutaw (ponded)	Yes	depression	3	NO	NO	YES

FOOTNOTES:

There may be small areas of included soils or miscellaneous areas that are significant to use and management of the soil; yet are too small to delineate on the soil map at the map's original scale. These may be designated as spot symbols and are defined in the published Soil Survey Report or the USDA-NRCS Technical Guide, Part II.

Areas mapped as water or any map unit that contains one of the following conventional symbols is considered a hydric soil map unit: marshes or swamps; wet spots; depressions; streams, lakes and ponds.

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Hydric Criteria Codes:

Code 1 = All Histosols except Folists.

Code 2A = Soils in Aquic suborder, Aquic subgroup, Albolls suborder, Salorthids great group, Pell great groups of Vertisols, Pachic subgroups, or Cumulic subgroups that are somewhat poorly drained and have a frequently occurring water table less than 0.5 feet from the surface for a significant period (usually 14 consecutive days or more) during the growing season.

Code 2B1 = Soils in Aquic suborder, Aquic subgroup, Albolls suborder, Salorthids great group, Pell great groups of Vertisols, Pachic subgroups, or Cumulic subgroups that are poorly drained or very poorly drained and have a frequently occurring water table less than 0.5 feet from the surface for a significant period (usually 14 consecutive days or more) during the growing season if textures are coarse sand, sand or fine sand in all layers within 20 inches.

Code 2B2 = Soils in Aquic suborder, Aquic subgroup, Albolls suborder, Salorthids great group, Pell great groups of Vertisols, Pachic subgroups, or Cumulic subgroups that are poorly drained or very poorly drained and have a water table that frequently occurs at less than 1.0 feet from the surface for a significant period (usually 14 consecutive days or more) during the growing season if permeability is equal to or greater than 6.0 inches/hr in all layers within 20 inches.

Code 2B3 = Soils in Aquic suborder, Aquic subgroup, Albolls suborder, Salorthids great group, Pell great groups of Vertisols, Pachic subgroups, or Cumulic subgroups that are poorly drained or very poorly drained and have a water table that frequently occurs at less than 1.5 feet from the surface for a significant period (usually 14 consecutive days or more) during the growing season if permeability is less than 6.0 inches/hr in any layer within 20 inches.

Code 3 = Soils that are frequently ponded for long or very long duration during the growing season.

Code 4 = Soils that are frequently flooded for long or very long duration during the growing season.